

 $\langle 110 \rangle$

<120> Aptamer Based Two-Site Binding Assay

<130> NEX 89

<140> 09/681,508

<141> 2001-04-18

<150> 60/198,016

<151> 2000-04-18

<160> 13

<170> PatentIn Ver. 2.0

 $\langle 210 \rangle$ 1

<211> 49

<212> DNA

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Description of Artificial Sequence: Synthetic Nucleic Acid Ligand

<400> 1

tagccaaggt aaccagtaca aggtgctaaa cgtaatggct tcggcttac 49

 $\langle 210 \rangle$ 2

<211> 32

<212> DNA

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Description of Artificial Sequence: Synthetic Nucleic Acid Ligand

<400> 2

gtagtcactg gttggtgagg ttgggtgact ac 32

 $\langle 210 \rangle$ 3

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<400> 3

gcttagtccg tggtagggca ggttggggtg actaagc

37

<210> 4

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>

<221> modified_base

<222> (32)

<223> C at position 32 is derivatized with a fluorescein
at the 3' carbon.

<400> 4

gtagtcactg gttggtgagg ttgggtgact ac

32

<210> 5

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>

<221> modified_base

<222> (38)

<223> T at position 38 is derivatized with a fluorescein
at the 3' carbon.

<400> 5

gtagtcactg gttggtgagg ttgggtgact actttttt

38

<210> 6

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>

<221> modified_base

<222> (1)

<223> G at position 1 is derivatized with a fluorescein
at the 5' carbon.

<400> 6

gtagtactg gttggtgagg ttgggtgact ac

32

<210> 7

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>

<221> modified_base

<222> (1)

<223> T at position 1 is derivatized with a fluorescein
at the 5' carbon.

<400> 7

ttttttgtag tctactggttg gtgagggttg gtgactac

38

<210> 8

<211> 70

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>

<221> modified_base

<222> (35)..(36)

<223> The residues at positions 35 and 36 are connected
by a glycol phosphoramidite linker derivatized
with a fluoresceinated thymidine.